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OCT 04 2004

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FACSIMILE COVER SHEET

DATE: OCTOBER 1, 2004

NUMBER OF PAGES (INCLUDING
THIS TRANSMITTAL COVER SHEET): 20

YOUR REFERENCE: 09/681,844

OUR REFERENCE: 212311

TO: United States Patent and Trademark Office, Patent Technology Center 2100

FACSIMILE NUMBER: (703) 872-9306

FROM: RICHARD P. DODSON

DIRECT LINE: (206) 521-5987

In re Application of:

VETRIVELKUMARAN et al.

Art Unit: 2153

Application No. 09/681,844

Examiner: Barqadle, Yasin M

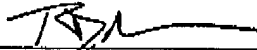
Filed: June 15, 2001

For: APPLICATION PROGRAM CACHING

CERTIFICATE OF TRANSMISSION

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Date: October 1, 2004


Richard P. Dodson

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FORM PTO-1083

PATENT

Attorney Docket No. 212311
 Client Reference No. 154795.02
 Date: October 1, 2004

In re Application of: Vetrivelkumaran
 Application No. 09/681,844
 Filed: June 15, 2001
 For: APPLICATION PROGRAM CACHING

Mail Stop
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a response to an office action in the subject application.

- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☐ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE		none			\$ 0.00		\$ 0.00	
	subtract time extension fee previously paid	none			(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL	54	MINUS	48	=6	x 9=	\$	x 18=	\$108.00
INDEPENDENT	7	MINUS	7	=0	x 43=	\$	x 88=	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 145=	\$	+ 290=	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$	TOTAL	\$108.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
 LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.
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 180 North Stetson Avenue
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By 
 Richard P. Dodson, Reg. No. 52,824

FORM PTO-1083

PATENT

Attorney Docket No. 212311
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TOTAL	54	MINUS	48	=6	x 8=	\$	x 18=	\$108.00
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Respectfully submitted,
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By 
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Filed: June 15, 2001

For: APPLICATION PROGRAM CACHING

AMENDMENT C

Commissioner for Patents
Alexandria, VA 22313

Dear Sir:

In response to the Office action mailed July 1, 2004, please enter the following amendments and consider the following remarks.